

Christopher Ave and Midcounty at Mont. Village Ave -- No. 500007

Category
Agency
Planning Area
Relocation Impact

Transportation
Public Works & Transportation
Gaithersburg Vicinity
None.

Date Last Modified
Previous PDF Page Number
Required Adequate Public Facility

May 22, 2001
7-71 (01 App)
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY00	Remain. FY00	Total 6 Years	FY01	FY02	FY03	FY04	FY05	FY06	Beyond 6 Years
Planning, Design and Supervision	155	8	62	85	30	0	22	33	0	0	0
Land											
Site Improvements and Utilities	355	0	0	355	0	0	355	0	0	0	0
Construction	500	0	0	500	0	0	200	300	0	0	0
Other											
Total	1,010	8	62	940	30	0	577	333	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	910	8	62	840	0	0	507	333	0	0	0
Development											
Approval Payment	100	0	0	100	30	0	70	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides for design and construction of modification to the intersections of Christopher Avenue, Lost Knife Road, and Midcounty Highway with Montgomery Village Avenue to provide congestion relief. Anticipated improvements will include: an additional exclusive left turn lane from Midcounty Highway to southbound Montgomery Village Avenue, an additional left turn lane from Montgomery Village Avenue to eastbound Midcounty Highway, an additional left turn lane from Christopher Avenue to northbound Montgomery Village Avenue, and an additional left turn lane from Lost Knife Road to southbound Montgomery Village Avenue. Appropriate signal modifications at each intersection are also included.

Service Area

Gaithersburg & Vicinity

JUSTIFICATION

After the project is implemented, the a.m. Level of Service (LOS) of the Christopher Avenue intersection will improve to a borderline "F" as a result of a reduction in Critical Lane Volume (CLV) of 297 vehicles, and delays will be reduced. The p.m. LOS will also be improved to borderline "F" as a result of a substantial reduction in the CLV by 286 vehicles, and delays will be reduced. Improvement to the Midcounty Highway intersection will reduce the a.m. LOS from "D" to "C," with a reduction in CLV by 139 vehicles. The p.m. LOS will remain at the "F" level; however, a reduction in CLV by 87 vehicles will be made, and delays will be reduced.

Plans and Studies

Accident and congestion studies conducted by DPWT Division of Traffic and Parking Services and comprehensive consultant studies indicate significant congestion in this roadway segment. Physical modification to these intersections will improve the level of service and reduce operational problems.

Cost Change

Not applicable

STATUS

Preliminary design. Delay project by one year.

OTHER

The project scope has not changed. The current costs are based on concept plans. The cost could change upon finalization of construction plans. This project is part of a coordinated effort to mitigate congestion at some of the County's most congested intersections. Construction the intersection improvement at Midcounty Highway/Montgomery Village Avenue has been delayed by one year.

FISCAL NOTE

Development Approval Payments (DAP) collected through FY99 have been programmed in this project.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY00	(\$000)
Initial Cost Estimate		1,010
First Cost Estimate		
Current Scope	FY00	1,010
Last FY's Cost Estimate		1,010
Present Cost Estimate		1,010
Appropriation Request	FY02	-391
Supplemental		
Appropriation Request	FY01	0
Transfer		0
Cumulative Appropriation		510
Expenditures/		
Encumbrances		97
Unencumbered Balance		413
Partial Closeout Thru	FY99	0
New Partial Closeout	FY00	0
Total Partial Closeout		0

COORDINATION

MCDPWT
M-NCPPC
Utility Companies
Department of Permitting Services
Montgomery Village Foundation

MAP

See Map on Next Page